

### Abstract of the Disclosure

An interface device provided on a motherboard, or with a memory control chip set, translates between a controller, intended to communicate with a packet based memory system, and a non-packet based memory system. Communications from a memory controller, intended to directly communicate with a RAMBUS RDRAM memory system, are translated for a memory system which does not comprise RAMBUS RDRAM. The interface device, or integrated circuit, is not located with the memory system. That is, the memory modules do not include the interface circuit. Instead, the interface device is located with the processor motherboard, or with the controller/bridge integrated circuit chip set, such that it is electrically located between a controller and main memory sockets.

"Express Mail" mailing label number: EV370240099US

Date of Deposit: February 27, 2004

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